COMPARISON CHART

NET NEW ORDERS -- MACHINE TOOLS
(Thousands of Dollars)

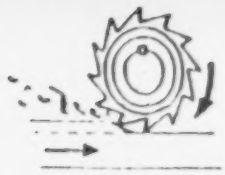
	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
September 1985	104,950	15,850	120,800	37,450	13,400	50,850	142,400	29,250	171,650
August 1985	115,700	15,100	130,800	46,900	6,800	53,700	162,600	21,900	184,500
% Change Sept.1985:Aug.1985	-9.3	+5.0	-7.6	-20.1	+97.1	-5.3	-12.4	+33.6	-7.0
September 1984	194,850	27,300	222,150	60,250	3,800	64,050	255,100	31,100	286,200
% Change Sept.1985:Sept.1984	-46.1	-41.9	-45.6	-37.8	+252.6	-20.6	-44.2	-5.9	-40.0
Year To Date 1985	1,241,150	164,500	1,405,650	467,450	52,550	520,000	1,708,600	217,050	1,925,650
Year To Date 1984	1,226,000	178,950	1,404,950	715,500	44,600	760,100	1,941,500	223,550	2,165,050
% Change 1985 : 1984	+1.2	-8.1	+0.1	-34.7	+17.8	-31.6	-12.0	-2.9	-11.1

SHIPMENTS -- MACHINE TOOLS
(Thousands of Dollars)

	METAL CUTTING			METAL FORMING			TOTAL Cutting and Forming		
	Domestic	Foreign	Total	Domestic	Foreign	Total	Domestic	Foreign	Total
September 1985	157,450	16,100	173,550	62,200	6,800	69,000	219,650	22,900	242,550
August 1985	137,200	5,850	143,050	63,850	9,000	72,850	201,050	14,850	215,900
% Change Sept.1985:Aug.1985	+14.8	+175.2	+21.3	-2.6	-24.4	-5.3	+9.3	+54.2	+12.3
September 1984	138,700	12,650	151,350	51,150	8,250	59,400	189,850	20,900	210,750
% Change Sept.1985:Sept.1984	+13.5	+27.3	+14.7	+21.6	-17.6	+16.2	+15.7	+9.6	+15.1
Year To Date 1985	1,083,400	100,300	1,183,700	542,950	44,350	587,300	1,626,350	144,650	1,771,000
Year To Date 1984	1,023,800	77,650	1,101,450	433,750	55,450	489,200	1,457,550	133,100	1,590,650
% Change 1985 : 1984	+5.8	+29.2	+7.5	+25.2	-20.0	+20.1	+11.6	+8.7	+11.3

Source: National Machine Tool Builders' Association

Form No. PRCC-2



TOTAL INDUSTRY ESTIMATE
MACHINE TOOLS - CUTTING AND FORMING
New Orders, Cancellations, Shipments and Backlog

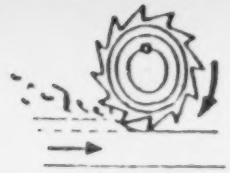
DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 195,900,000	$ 15,550,000	$ 211,450,000	1,748.30	$ 126,550,000	$ 11,250,000	$ 137,800,000
Feb.	$ 217,600,000	$ 19,900,000	$ 237,500,000	1,819.55	$ 151,650,000	$ 14,600,000	$ 166,250,000
Mar.	$ 249,750,000	$ 29,550,000	$ 279,300,000	1,871.20	$ 204,550,000	$ 23,100,000	$ 227,650,000
Apr.	$ 170,150,000	$ 13,350,000	$ 183,500,000	1,884.95	$ 161,800,000	$ 7,950,000	$ 169,750,000
May	$ 203,800,000	$ 18,900,000	$ 222,700,000	1,930.35	$ 163,800,000	$ 13,500,000	$ 177,300,000
June	$ 208,500,000	$ 26,700,000	$ 235,200,000	1,926.55	$ 222,750,000	$ 16,250,000	$ 239,000,000
July	$ 157,900,000	$ 41,950,000	$ 199,850,000	1,931.60	$ 174,550,000	$ 20,250,000	$ 194,800,000
Aug.	$ 162,600,000	$ 21,900,000	$ 184,500,000	1,900.20	$ 201,050,000	$ 14,850,000	$ 215,900,000
Sept.(p)	$ 142,400,000	$ 29,250,000	$ 171,650,000	1,829.30	$ 219,650,000	$ 22,900,000	$ 242,550,000
9 Mos.	$1,708,600,000	$ 217,050,000	$1,925,650,000		$1,626,350,000	$ 144,650,000	$1,771,000,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 209,000,000	$ 17,850,000	$ 226,850,000	$ 13,100,000	$ 2,300,000	$ 15,400,000
Feb.	$ 230,450,000	$ 20,650,000	$ 251,100,000	$ 12,850,000	$ 750,000	$ 13,600,000
Mar.	$ 266,100,000	$ 32,350,000	$ 298,450,000	$ 16,350,000	$ 2,800,000	$ 19,150,000
Apr.	$ 176,350,000	$ 14,950,000	$ 191,300,000	$ 6,200,000	$ 1,600,000	$ 7,800,000
May	$ 216,650,000	$ 19,250,000	$ 235,900,000	$ 12,850,000	$ 350,000	$ 13,200,000
June	$ 237,300,000	$ 27,900,000	$ 265,200,000	$ 28,800,000	$ 1,200,000	$ 30,000,000
July	$ 167,150,000	$ 42,250,000	$ 209,400,000	$ 9,250,000	$ 300,000	$ 9,550,000
Aug.	$ 167,000,000	$ 22,700,000	$ 189,700,000	$ 4,400,000	$ 800,000	$ 5,200,000
Sept.(p)	$ 155,050,000	$ 29,800,000	$ 184,850,000	$ 12,650,000	$ 550,000	$ 13,200,000
9 Mos.	$1,825,050,000	$ 227,700,000	$2,052,750,000	$ 116,450,000	$ 10,650,000	$ 127,100,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.



INDUSTRY ESTIMATE
METAL CUTTING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 124,750,000	$ 13,000,000	$ 137,750,000	1,180.45	$ 80,600,000	$ 9,150,000	$ 89,750,000
Feb.	$ 148,050,000	$ 15,700,000	$ 163,750,000	1,235.90	$ 98,950,000	$ 9,350,000	$ 108,300,000
Mar.	$ 202,700,000	$ 24,300,000	$ 227,000,000	1,303.90	$ 140,350,000	$ 18,650,000	$ 159,000,000
Apr.	$ 112,850,000	$ 9,250,000	$ 122,100,000	1,322.85	$ 98,150,000	$ 5,000,000	$ 103,150,000
May	$ 157,350,000	$ 13,400,000	$ 170,750,000	1,374.75	$ 110,000,000	$ 8,850,000	$ 118,850,000
June	$ 159,950,000	$ 22,900,000	$ 182,850,000	1,394.60	$ 149,400,000	$ 13,600,000	$ 163,000,000
July	$ 114,850,000	$ 35,000,000	$ 149,850,000	1,419.40	$ 111,300,000	$ 13,750,000	$ 125,050,000
Aug.	$ 115,700,000	$ 15,100,000	$ 130,800,000	1,407.15	$ 137,200,000	$ 5,850,000	$ 143,050,000
Sept.(p)	$ 104,950,000	$ 15,850,000	$ 120,800,000	1,354.40	$ 157,450,000	$ 16,100,000	$ 173,550,000
9 Mos.	$1,241,150,000	$ 164,500,000	$1,405,650,000		$1,083,400,000	$100,300,000	$1,183,700,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 136,250,000	$ 14,050,000	$ 150,300,000	$ 11,500,000	$ 1,050,000	$ 12,550,000
Feb.	$ 158,900,000	$ 16,400,000	$ 175,300,000	$ 10,850,000	$ 700,000	$ 11,550,000
Mar.	$ 212,600,000	$ 27,050,000	$ 239,650,000	$ 9,900,000	$ 2,750,000	$ 12,650,000
Apr.	$ 117,000,000	$ 10,200,000	$ 127,200,000	$ 4,150,000	$ 950,000	$ 5,100,000
May	$ 163,800,000	$ 13,700,000	$ 177,500,000	$ 6,450,000	$ 300,000	$ 6,750,000
June	$ 187,050,000	$ 24,050,000	$ 211,100,000	$ 27,100,000	$ 1,150,000	$ 28,250,000
July	$ 121,550,000	$ 35,250,000	$ 156,800,000	$ 6,700,000	$ 250,000	$ 6,950,000
Aug.	$ 119,900,000	$ 15,850,000	$ 135,750,000	$ 4,200,000	$ 750,000	$ 4,950,000
Sept.(p)	$ 113,700,000	$ 16,300,000	$ 130,000,000	$ 8,750,000	$ 450,000	$ 9,200,000
9 Mos.	$1,330,750,000	$ 172,850,000	$1,503,600,000	$ 89,600,000	$ 8,350,000	$ 97,950,000

P - Preliminary

N.M.T.B.A. F - 1c

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

INDUSTRY ESTIMATE
METAL FORMING TYPE MACHINE TOOLS
New Orders, Cancellations, Shipments and Backlog

DATE	NET NEW ORDERS Domestic	Foreign	Total	Order Backlog (In Mil. $)	SHIPMENTS Domestic	Foreign	Total
1985							
Jan.	$ 71,150,000	$ 2,550,000	$ 73,700,000	567.85	$ 45,950,000	$ 2,100,000	$ 48,050,000
Feb.	$ 69,550,000	$ 4,200,000	$ 73,750,000	583.65	$ 52,700,000	$ 5,250,000	$ 57,950,000
Mar.	$ 47,050,000	$ 5,250,000	$ 52,300,000	567.30	$ 64,200,000	$ 4,450,000	$ 68,650,000
Apr.	$ 57,300,000	$ 4,100,000	$ 61,400,000	562.10	$ 63,650,000	$ 2,950,000	$ 66,600,000
May	$ 46,450,000	$ 5,500,000	$ 51,950,000	555.60	$ 53,800,000	$ 4,650,000	$ 58,450,000
June	$ 48,550,000	$ 3,800,000	$ 52,350,000	531.95	$ 73,350,000	$ 2,650,000	$ 76,000,000
July	$ 43,050,000	$ 6,950,000	$ 50,000,000	512.20	$ 63,250,000	$ 6,500,000	$ 69,750,000
Aug.	$ 46,900,000	$ 6,800,000	$ 53,700,000	493.05	$ 63,850,000	$ 9,000,000	$ 72,850,000
Sept.(p)	$ 37,450,000	$ 13,400,000	$ 50,850,000	474.90	$ 62,200,000	$ 6,800,000	$ 69,000,000
9 Mos.	$ 467,450,000	$ 52,550,000	$ 520,000,000		$ 542,950,000	$ 44,350,000	$ 587,300,000

DATE	GROSS NEW ORDERS Domestic	Foreign	Total	CANCELLATIONS Domestic	Foreign	Total
1985						
Jan.	$ 72,750,000	$ 3,800,000	$ 76,550,000	$ 1,600,000	$ 1,250,000	$ 2,850,000
Feb.	$ 71,550,000	$ 4,250,000	$ 75,800,000	$ 2,000,000	$ 50,000	$ 2,050,000
Mar.	$ 53,500,000	$ 5,300,000	$ 58,800,000	$ 6,450,000	$ 50,000	$ 6,500,000
Apr.	$ 59,350,000	$ 4,750,000	$ 64,100,000	$ 2,050,000	$ 650,000	$ 2,700,000
May	$ 52,850,000	$ 5,550,000	$ 58,400,000	$ 6,400,000	$ 50,000	$ 6,450,000
June	$ 50,250,000	$ 3,850,000	$ 54,100,000	$ 1,700,000	$ 50,000	$ 1,750,000
July	$ 45,600,000	$ 7,000,000	$ 52,600,000	$ 2,550,000	$ 50,000	$ 2,600,000
Aug.	$ 47,100,000	$ 6,850,000	$ 53,950,000	$ 200,000	$ 50,000	$ 250,000
Sept.(p)	$ 41,350,000	$ 13,500,000	$ 54,850,000	$ 3,900,000	$ 100,000	$ 4,000,000
9 Mos.	$ 494,300,000	$ 54,850,000	$ 549,150,000	$ 26,850,000	$ 2,300,000	$ 29,150,000

P - Preliminary

N.M.T.B.A. F - 1d

NOTE: This table includes industry estimate figures based on reports submitted to the National Machine Tool Builders' Association. These industry estimates have not been adjusted for change in the value of the dollar.

QUARTERLY AND YEARLY SHIPMENTS AND NET NEW ORDERS OF MACHINE TOOLS
(DOLLAR FIGURES IN THOUSANDS)
1980 TO DATE

	CUTTING AND FORMING			CUTTING			FORMING		
	SHIPMENTS		NET	SHIPMENTS		NET	SHIPMENTS		NET
DATE	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS	Total	Foreign	NEW ORDERS
1980-1	$1,146,150	$115,700	$1,517,450	$ 881,400	$ 86,750	$1,207,800	$ 264,750	$ 28,950	$ 309,650
2	1,193,300	155,550	1,335,350	925,350	122,850	1,142,100	267,950	32,700	193,250
3	1,049,050	133,850	917,500	830,450	102,650	728,300	218,600	31,200	189,200
4	1,303,250	202,400	984,000	1,043,600	162,550	806,550	259,650	39,850	177,450
Total	$4,691,750	$607,500	$4,754,300	$3,680,800	$474,800	$3,884,750	$1,010,950	$ 132,700	$ 869,550
1981-1	$1,288,200	$210,800	$ 920,350	$1,017,850	$155,600	$ 706,600	$ 270,350	$ 55,200	$ 213,750
2	1,367,500	236,350	867,000	1,103,400	185,450	661,200	264,100	50,900	205,800
3	1,133,950	127,950	593,450	920,300	99,950	455,250	213,650	28,000	138,200
4	1,305,950	143,850	564,050	1,062,950	111,050	405,050	243,000	32,800	159,000
Total	$5,095,600	$718,950	$2,944,850	$4,104,500	$552,050	$2,228,100	$ 991,100	$ 166,900	$ 716,750
1982-1	$1,154,200	$112,650	$ 506,800	$ 933,050	$ 71,750	$ 384,850	$ 221,150	$ 40,900	$ 121,950
2	1,008,450	96,600	382,650	810,650	75,350	274,750	197,800	21,250	107,900
3	783,400	107,200	279,950	640,450	89,750	183,450	142,950	17,450	96,500
4	658,350	89,600	328,350	510,600	59,300	221,400	147,750	30,300	106,950
Total	$3,604,400	$406,050	$1,497,750	$2,894,750	$296,150	$1,064,450	$ 709,650	$ 109,900	$ 433,300
1983-1	$ 487,450	$ 56,650	$ 314,850	$ 370,600	$ 40,800	$ 224,100	$ 116,850	$ 15,850	$ 90,750
2	469,650	58,300	399,100	357,500	49,300	269,300	112,150	9,000	129,800
3	357,050	42,900	468,150	252,350	32,200	322,200	104,700	10,700	145,950
4	530,900	57,150	514,050	391,050	49,600	336,050	139,850	7,550	178,000
Total	$1,845,050	$215,000	$1,696,150	$1,371,500	$171,900	$1,151,650	$ 473,550	$ 43,100	$ 544,500
1984-1	$ 449,500	$ 40,550	$ 600,450	$ 298,100	$ 25,100	$ 412,750	$ 151,400	$ 15,450	$ 187,700
2	$ 572,300	$ 50,700	$ 764,400	$ 401,800	$ 28,250	$ 499,200	$ 170,500	$ 22,450	$ 265,200
3	$ 568,850	$ 41,850	$ 800,200	$ 401,550	$ 24,300	$ 493,000	$ 167,300	$ 17,550	$ 307,200
4	$ 695,200	$ 60,150	$ 750,750	$ 505,050	$ 45,000	$ 510,850	$ 190,150	$ 15,150	$ 239,900
Total	$2,285,850	$193,250	$2,915,800	$1,606,500	$122,650	$1,915,800	$ 679,350	$ 70,600	$1,000,000
1985-1	$ 531,700	$ 48,950	$ 728,250	$ 357,050	$ 37,150	$ 528,500	$ 174,650	$ 11,800	$ 199,750
2	$ 586,050	$ 37,700	$ 641,400	$ 385,000	$ 27,450	$ 475,700	$ 201,050	$ 10,250	$ 165,700
3P	$ 653,250	$ 58,000	$ 556,000	$ 441,650	$ 35,700	$ 401,450	$ 211,600	$ 22,300	$ 154,550
Total	$1,771,000	$144,650	$1,925,650	$1,183,700	$100,300	$1,405,650	$ 587,300	$ 44,350	$ 520,000

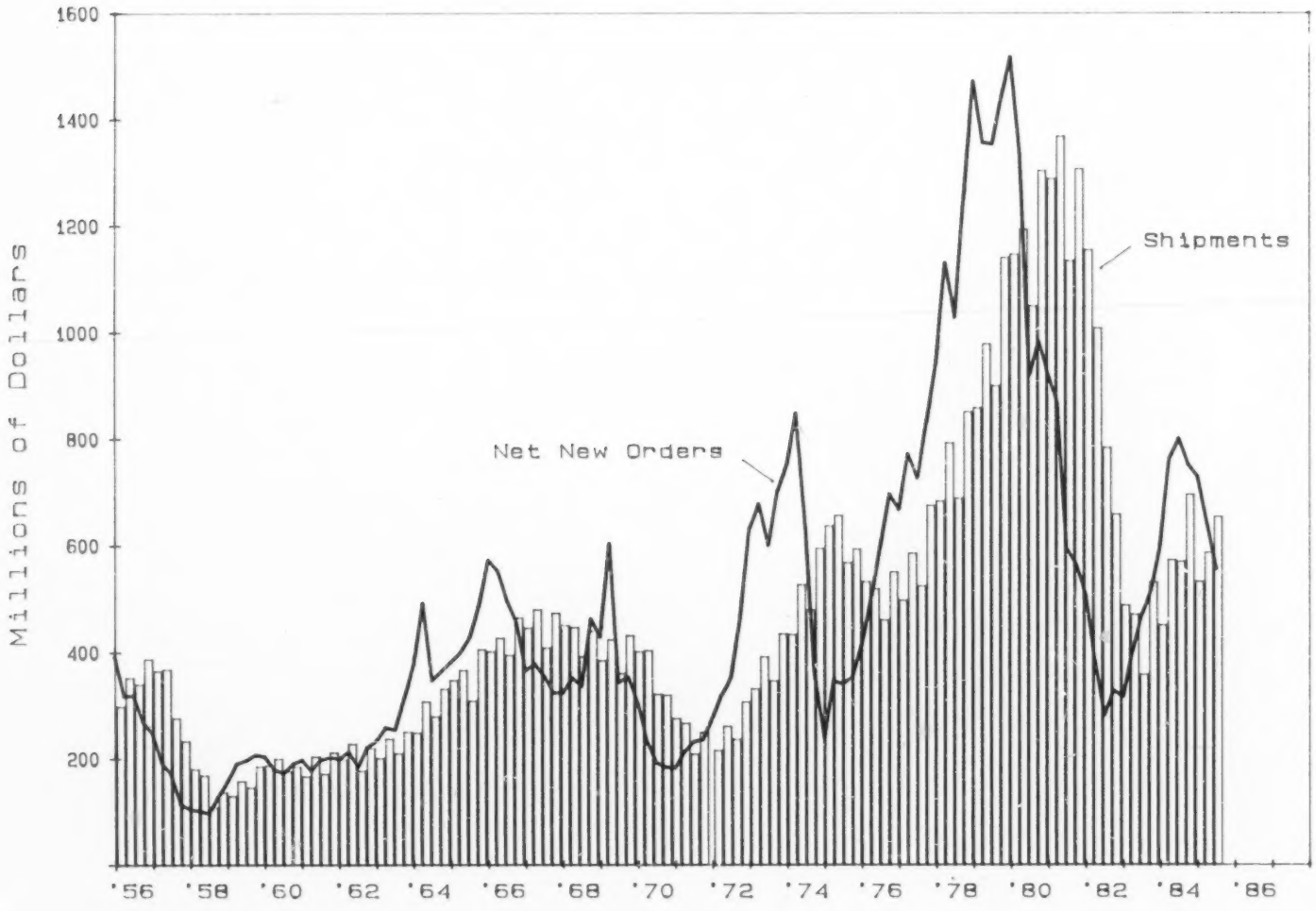
P - Preliminary

NOTE: These data series are available back to 1956. To obtain a copy of the tables for 1956 through 1984, contact:
NMTBA Statistical Department, 7901 Westpark Drive, McLean, Virginia 22102. Phone: 703:893-2900

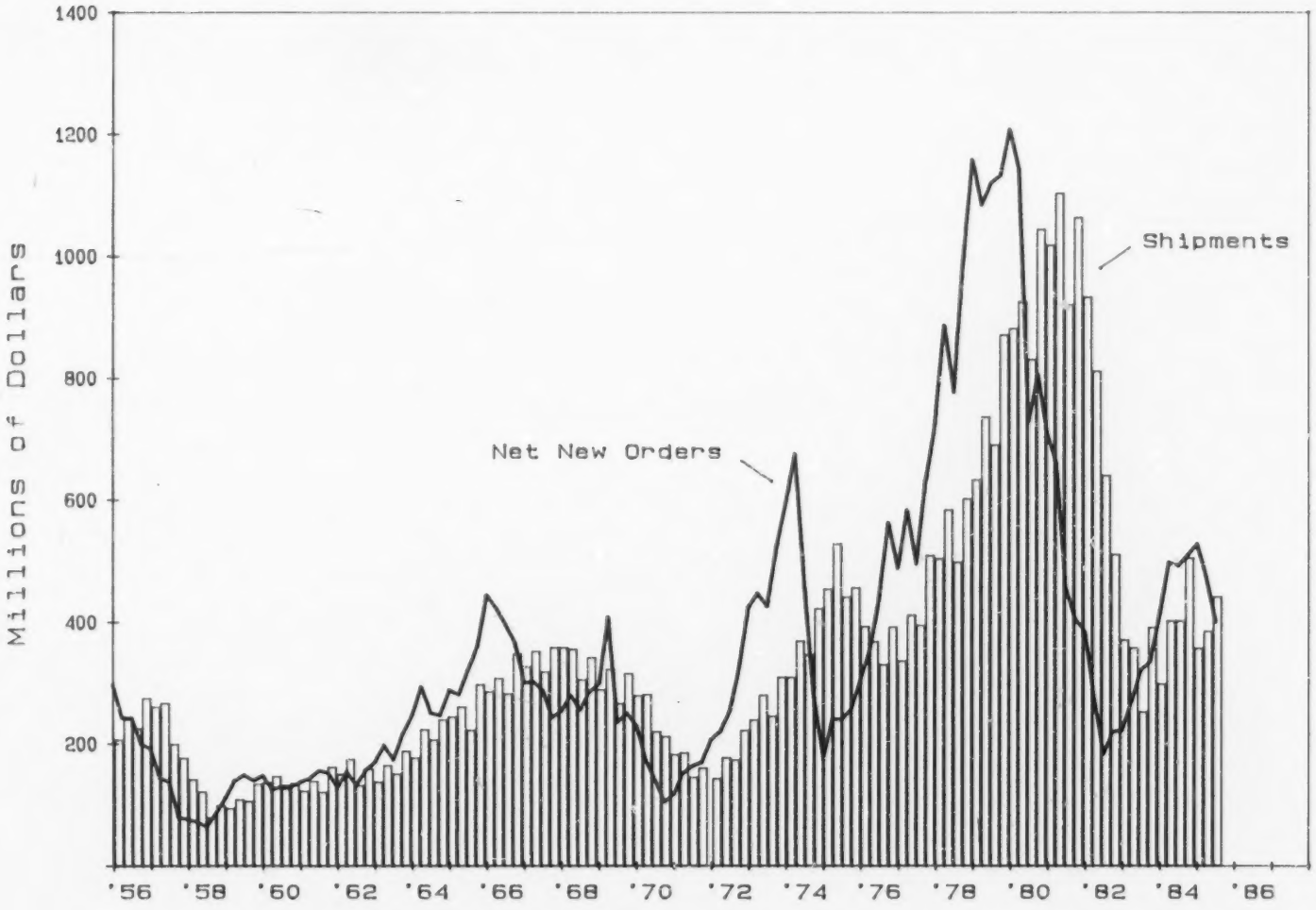
Source: National Machine Tool Builders' Association

October 28, 1985

Total Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 3



Metal Cutting Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 3



Metal Forming Machine Tools
Shipments (Bar) and Net New Orders (Line)
Quarterly, 1956: 1 to 1985: 3